



3737  
IFW

**THE UNITED STATES PATENT  
AND TRADEMARK OFFICE**

Serial No. : 09/853,298  
Applicants : Nancy P. CAMACHO et al.  
Filed : May 10, 2001  
For : DETERMINATION OF THE  
ULTRASTRUCTURE OF  
CONNECTIVE TISSUE BY AN...  
Art Unit : 3737  
Examiner : Ruth S. Smith  
Docket No. : 00328/RSB  
Confirm. No.: 6040  
Customer No.: 01933

**REQUEST FOR FULLY INITIALED  
COPY OF FORM PTO/SB/08B**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

S I R :

The July 8, 2004 Office Action enclosed copies of the Forms PTO/SB/08B dated August 22, 2001 with the Examiner's initials in the left column next to each cited publication, except for the following Camacho, Mendelsohn, Grigiene and Torzilli publication, which is the second publication on sheet 3 thereof:

Camacho, N.P. Mendelsohn, R. Grigiene, R., Torzilli, P.A.,  
"Polarized FI-IR Microscopic Determination of Collagen  
Orientation in Articular Cartilage", 42nd Annual Meeting,  
Orthopaedic Research Society, February 19-22, 1996, Atlanta,  
Georgia.

**CERTIFICATE OF MAILING**

I hereby certify this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class mail in an envelope addressed to:  
Commissioner for Patents,  
P.O. Box 1450  
Alexandria, VA 22313-1450  
on the date noted below.

*Richard S. Barth*  
Attorney: Richard S. Barth

Dated: July 26, 2004

In the event that this Paper is late filed, and the necessary petition for extension of time is not filed concurrently herewith, please consider this as a Petition for the requisite extension of time, and to the extent not tendered by check attached hereto, authorization to charge the extension fee, or any other fee required in connection with this Paper, to Account No. 06-1378.

On the copy of sheet 3 of the Form PTO/SB/08B returned with the Office Action, a line was drawn through the above-identified publication and the following handwritten note appears in the left column next to said publication: "NO COPY."

Enclosed herewith is a copy of the above-identified publication.

The Examiner is respectfully requested to return a copy of sheet 3 of the Form PTO/SB/08B dated August 22, 2004 (a copy of which is enclosed) with the Examiner's initials in the left column next to each cited publication to indicate that all the cited publications were considered and made of record.

Frishauf, Holtz, Goodman  
& Chick, P.C.  
767 Third Ave., 25th Floor  
New York, NY 10017-2023  
Tel. Nos. (212) 319-4900  
(212) 319-4551/Ext. 219  
Fax No.: (212) 319-5101  
E-Mail Address: BARTH@FHGC-LAW.COM  
RSB/ddf

Respectfully submitted,



Richard S. Barth  
Reg. No. 28,180

- Encs.: (1) copy of Camacho, Mendelsohn, Grigiene and Torzilli  
publication
- (2) copy of sheet 3 of Form PTO/SB/08B dated  
August 22, 2001



Substitute for Form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

Application Number

09/853,298

Filing Date

May 10, 2001

First Named Inventor

Nancy CAMACHO

Group Art Unit

2878

Examiner Name

Sheet

3

of

5

Attorney Docket Number

00328/RSB

**OTHER PRIOR ART - NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of author (in CAPITAL LETTERS), title of article, title of item, date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
		<p>Marcott, C., Reeder, R.C., Paschalis, E.P., Tatakis, D.N., Boskey, A.L., and Mendelsohn, R., "Infrared Microspectroscopic Imaging of Biomineralized Tissues Using a Mercury-Cadmium-Telluride Focal-Plane Array Detector", <u>Cell. Mol. Biol. (Noisy-le-grand)</u>, <u>44</u>, pp. 109-115, (1998)</p> <p>Camacho, N.P., Mendelsohn, R., Grigiene, R., Torzilli, P.A., "Polarized FI-IR Microscopic Determination of Collagen Orientation in Articular Cartilage", 42nd Annual Meeting, Orthopaedic Research Society, February 19-22, 1996, Atlanta, Georgia</p> <p>Camacho, N.P., West, P., Torzilli, P.A., Mendelsohn, R., "FTIR Microscopic Imaging of Collagen and Proteoglycan in Bovine Cartilage", <u>Biopolymers</u>, 62:1-8 (2001)</p> <p>Potter, K., Kidder, L.H., Levin, I.W., Lewis E.N., Spencer R.G., "Imaging of Collagen and Proteoglycan in Cartilage Sections Using Fourier Transform Infrared Spectral Imaging", <u>Arthritis &amp; Rheum</u> 44(4):846-855 (2001)</p> <p>Schumacher, H.R., Klippel, J.H., and Koopman, W.J., "Articular Cartilage", <u>Primer on the Rheumatic Diseases</u>, 11<sup>th</sup> edition, Atlanta: The Arthritis Foundation, pp. 14-18, (1993)</p> <p>Horecker, B., Kaplan, N.O., Marmur, J., and Scheraga, H.A., "Collagens", <u>Conformation in Fibrous Proteins and Related Synthetic Polypeptides</u>, New York: Academic Press, editors Fraser, R.D.B. and MacRae, T.P., pp. 344-402, (1973)</p> <p>George, A., and Veis, A., "FTIRS in H<sub>2</sub>O Demonstrates that Collagen Monomers Undergo a Conformational Transition Prior to Thermal Self-Assembly In Vitro", <u>Biochemistry</u>, <u>30</u>, pp. 2372-2377, (1991)</p>	
Examiner Signature		Date Considered	

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Place a check here if English translation is attached.

DATE MAILED: August 22, 2001